

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 12-3054WO	<div style="display: flex; justify-content: space-between;"> <div>FOR FURTHER ACTION</div> <div>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div> </div>	
International application No. PCT/NZ2005/000024	International filing date (<i>day/month/year</i>) 18 February 2005	(Earliest) Priority Date (<i>day/month/year</i>) 18 February 2004
Applicant SYROTECH LIMITED et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of **7** sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II).

3. ☒ Unity of invention is lacking (See Box No. III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. **4**

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☒ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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IAP6 Rec'd PCT/PTO 17 AUG 2006

INTERNATIONAL SEARCH REPORT

International application No.

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 72-80
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
The scope of the claims can not be determined as they contain no features limiting the particular device defined by the claims.
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
See the extra sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-56, 69-71

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

Box No. IV Text of the Abstract (Continuation of item 5 of the first sheet)

A vehicle steering apparatus includes two handlebar portions (2) independently adjustable to at least two riding positions by a rider and capable of being fixed in at least one position by the rider independently of the steering function. The steering apparatus includes arm rests (1), releasable latching means which may operate as locking means to enable the each handlebar portion (2) to be fixed in the at least two positions and actuator means adapted to co-operate with arm rest (1) associated with each handlebar portion (2). The two handlebar portions (2) further includes shock absorbing system and means to allow adjustment of the dimension and/or the position of the handlebars.

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International application No.

PCT/NZ2005/000024

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: B62K 21/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI IPC: B62K 21/(all), B63B 35/(all) with keywords (steering, hand, independent, adjust, aero)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2000/001572 A1 (VERSEY) 13 January 2000 Whole document	1-56, 69-71
X	US 5144859 A (MALONE) 8 September 1992 Whole document	1-56, 69-71
X	US 4023436 A (DODGE) 17 May 1977 Whole document	1-56, 69-71
X	US 3863521 A (GATSOS ET AL.) 4 February 1975 Whole document	1-56, 69-71

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
30 June 2005Date of mailing of the international search report
- 0 JUL 2005Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929Authorized officer

ZBIGNIEW BIELAWSKI
Telephone No : (02) 6283 2218

INTERNATIONAL SEARCH REPORT

International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 610469 A (J.M. BLASHFIELD) 6 September 1898 Whole document	1-56, 69-71
X	FR 2816276 A1 (GRENDENE) 10 May 2002 Whole document	1-56, 69-71
X	NL 1007578 A (B.J. KRESZNER TE WASSENAAR) 22 September 1998 Whole document	1-56, 69-71

Supplemental Box

(to be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No: III

The international application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are different inventions as follows:

1. Claims 1-56 and 69-71 are directed to a steering apparatus for rider control of a vehicle including handlebars adjustable to at least two positions and capable of being transferred between the positions independently. It is considered that the underlined feature comprises a first "special technical feature".
2. Claims 57-61 are directed to a method of attachment of a steering apparatus including two handle bar portions operable between at least two positions including the step of securing the steering apparatus directly to the forks via a steer tube of a bicycle. It is considered that said step of securing the steering apparatus directly to the forks via a steer tube of a bicycle comprises a second "special technical feature".
3. Claims 62-66 are directed to a method of triggering transfer and transferring of a steering apparatus between at least two positions via use of armrests leading to release of the handlebar portions from locked position and enabling the handlebar portions to move from one position to another. It is considered that the use of armrests leading to release of the handlebar portions from locked position and enabling the handlebar portions to move from one position to another comprises a third "special technical feature".
4. Claims 67-68 are directed to a method of transferring of at least one handle bar portion of a steering apparatus between an aero position and a wide position including the steps of wherein one locking/latching means are released and other locking/latching means are actuated and the handlebar portions are directed under pressure to the wide position until the releasable locking means are re-latched. It is considered that said method steps comprises a forth "special technical feature".

Since these groups of claims do not share any of the special technical features identified, a technical relationship between the inventions does not exist. Accordingly the claims do not relate to one invention or to a single inventive concept, a priori.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2005/000024

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
WO	0001572	AU	48074/99		
US	5144859				
US	4023436	CA	1045175	DE	2659402
		GB	1573810	JP	52093035
US	3863521				
US	610469				
FR	2816276				
NL	1007578	IT	RE970018		
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					